CLAIMS

1. A task execution system including at least two processors, comprising:

a task management table registered with an associated relationship between at least a task, a main execution processor for executing the task and an in-charge-of-stoppage processor for executing the task when said main execution processor stops;

a selecting unit selecting an executable task from among tasks registered in said task management table;

a checking unit checking, if a processor other than said processor trying to execute the selected task is registered as said main execution processor for the selected task, a stoppage state of said processor registered as said main execution processor; and

an executing unit executing the selected task if said processor registered as said main execution processor remains stopped.

2. A task execution system including at least two processors, comprising:

a judging unit judging whether or not a task requested to be registered can be registered as a task of a main execution processor;

a judging unit judging whether or not the task requested to be registered can be registered as a task of an in-charge-

of-stoppage processor;

a registering unit registering, if judged to be registerable as the task of said main execution processor and if judged to be registerable as a task of said in-charge-of-stoppage processor, an associated relationship between the task requested to be registered, said main execution processor and said in-charge-of-stoppage processor;

a selecting unit selecting an executable task from among the registered tasks;

a checking unit checking, if a processor other than said processor trying to execute the selected task is registered as said main execution processor for the selected task, a stoppage state of said processor registered as said main execution processor; and

an executing unit executing the selected task if said processor registered as said main execution processor remains stopped.

3. A task execution method in a task execution system including at least two processors, comprising:

selecting an executable task from among tasks registered in a task management table registered with an associated relationship between at least a task, a main execution processor for executing the task and an in-charge-of-stoppage processor for executing the task when said main execution processor stops;

checking, if a processor other than said processor

trying to execute the selected task is registered as said main execution processor for the selected task, a stoppage state of said processor registered as said main execution processor; and

executing the selected task if said processor registered as said main execution processor remains stopped.

4. A program for making an information processing device including at least two processors, function as:

a task management table registered with an associated relationship between at least a task, a main execution processor for executing the task and an in-charge-of-stoppage processor for executing the task when said main execution processor stops;

a selecting unit selecting an executable task from among tasks registered in said task management table;

a checking unit checking, if a processor other than said processor trying to execute the selected task is registered as said main execution processor for the selected task, a stoppage state of said processor registered as said main execution processor; and

an executing unit executing the selected task if said processor registered as said main execution processor remains stopped.